

# Financial Modelling, Forecasting, and Analysis

Crucial Competencies for Managing Performance and Risk in Business

## Introduction

With the help of this cutting edge training programme in financial analysis, modelling, and forecasting, you will get the fundamental skills needed to evaluate and manage risk and business performance in the volatile 21st century. Decision-makers today face unprecedented levels of risk and uncertainty in a highly competitive global marketplace. Conventional financial analysis and forecasting methods lack the adaptability and responsiveness necessary to handle these challenging circumstances.

With the help of this practical, hands-on training course, you will learn the theories and techniques of financial modelling in Excel, giving you a strong toolkit of financial instruments to help you foresee and manage the opportunities and dangers facing your company.

**The following will be covered in this Course N Carry Financial Modelling, Forecasting, and Analysis training course:**

- 21st-century businesses face competitive challenges
- Advanced Excel financial modelling abilities
- Learning the methods and instruments used in financial analysis
- Enhancing the accuracy of forecasts and reducing mistakes
- Making wise decisions about capital investments

Risk and uncertainty management models and strategies

## Objectives

The goal of this training programme is to give you with current knowledge and useful skills related to the production and analysis of budgets and financial statements for the public sector.

**By the time this programme on Financial Modelling, Forecasting, and Analysis ends, you will know how to:**

- Create and implement useful and efficient Excel financial models.
- Become more adept at assessing and understanding financial statements.

- Create models for financial forecasting to be used in many corporate applications.
- Utilise financial modelling methods when making investment decisions.
- Employ a variety of instruments to evaluate and control company risk.

## Training Methodology

With formal presentations, case studies, and interactive practical examples, this training programme will be set up as a highly engaging workshop. Useful examples and case studies highlight how each of the subjects is applied, and there are lots of chances to practise and get proficient at financial modelling in Excel using your own laptop or one of ours.

## Organizational impacts

**The organisation will gain from the application of contemporary financial analysis, forecasting, and financial modelling techniques in practice, which can be used to raise the calibre and applicability of business decision-making in the face of increased risk and uncertainty. Specifically:**

- Proficient in financial analysis and data interpretation; exceptionally strong financial modelling skills
- Applying critical thinking to decisions about capital investments
- Acquisition of superior predicting abilities
- A flexible method for managing and analysing risks

## Personal Impact

This practical training programme will help delegates learn the fundamentals of financial analysis, forecasting, and financial decision-making. It also focuses on equipping them with the practical skills they need to create their own financial models in Excel.

**The following are some ways that this Finance & Budgeting training course on Financial Modelling, Forecasting, and Analysis may improve their career chances and significantly increase their contribution to organisational performance:**

- Increased understanding of risk and uncertainty management
- Increased participation in the planning, decision-making, and management processes
- advanced proficiency with Excel's most potent financial features
- Using strong financial modelling abilities in Excel for forecasting and making decisions
- Capacity to simulate and implement investment decision-making strategies

## Who should attend?

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## **Course Outline**

### **Day 1**

#### **The 21st-Century Competitive Challenge**

- Determining and Managing Stakeholder Needs and How They Are Disrupted
- A Comprehensive Strategy for Risk Management
- The Foundations of Financial Modelling: The Essentials of Business Performance Management
- Fundamentals of Financial Statements
- The Basics of Financial Modelling

### **Day 2**

- Creating an Excel Financial Ratio Database:
- The Cost-Volume-Profit Relationship in Practical Modelling
- Assessment and Enhancement of Return on Investment
- Assessing and Enhancing the Effectiveness of Asset Management
- Assessing and Managing Risk and Capital Structure
- The Impact of Gearing on Earnings for Shareholders in Real-World Modelling

## Day 3

### Enhancing Financial Forecasting

- Using Excel Statistical Analysis Tools to Avoid Common Forecasting Problems in Practical Modelling
- Utilising Linear Regression for Sales Trend Analysis and Moving Averages for Time Series Data Analysis
- Using the Excel Solver to Reduce Forecasting Inaccuracy
- Forecasting Costs with Regression and Correlation
- Real-World Modelling: Forecasting Cash Flow

## Day 4

### Financial Models to Enhance Capital Investment Decision-Making Processes

- Sources and Expenses of Business Financing
- Utilising Excel Discounted Cash Flow Tools for Practical Modelling
- Analysing Capital Investments in Practical Modelling
- The Fundamentals of Business Appraisal
- Useful Modelling: Shareholder Value Added-Based Business Valuation

## Day 5

### Controlling Uncertainty and Risk

- Recognising and Evaluating Business Risk
- Probability-Based Decision-Making Process
- Sensitivity analysis and "what-if" analysis in Monte Carlo simulation Predicting
- Finding the Main Factors Affecting Financial Performance in Real-World Modelling:
- Crucial "what-if" Projected